Name: Period:



In the Classroom



Flu Transmission Lab

Part 1: How are Diseases Transmitted?

1. You will receive a small cup with liquid in it. (DO NOT DRINK IT!!!)

2. Exchange your liquid with the liquid of a partner. To do this, take your pipette and take a squirt of your liquid and put it into their cup.

3. Record the name of your partner in the data table under exchange #1.

4. Repeat steps 2 and 3 with three different partners.

5. Return to your seat and wait to see who is infected with the disease. The teacher will test each liquid, checking for a reaction. Then, we will analyze the data (who was infected) as a class and trace the infection back to the original source.

|  |  |
| --- | --- |
| Exchange # | Name of Partner |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |

1. I was (circle one) infected not infected

2. The original source of “disease” in the classroom was: .

3. How many people in the class ended up with the “disease” that started with just one person?

4. Can someone have a disease and still appear healthy? Explain the possible negative effects of this.

5. What are some ways that diseases can be prevented? (How can you keep yourself healthy?)